

IN THE CLAIMS:

1-24 (Cancelled)

25. (new) A method for enhancement of an input document data stream which comprises at least one input format file comprising format definitions and an input document data file structured at least one of in ranges and sub-ranges and containing variable data, comprising the steps of:

enhancing the data stream with finishing commands;

in a control file defining level structures that correspond to at least one of the ranges and the sub-ranges of the input document data file;

10 in the control file associating the finishing commands with the level structures; and

using the control file, the input format file and the input document data file, automatically generating by a computer program module

15 an output format file that contains the finishing commands in callable groups, and

an output document data file containing the variable data and group calls associated by at least one of range-by-range and sub-range-by-sub-range.

26. (new) A method according to claim 25 wherein in the control file the finishing commands and the levels are defined and it is registered which finishing commands are applied in which level.

27. (new) A method according to claim 26 wherein in the control file it is established which processing commands are executed on which levels.

28. (new) A method according to claim 25 wherein the document processing system comprises a data production system that comprises a printing device and at least one device for processing of a print product at

least one of before and after the printing event, and wherein the finishing commands activate at least one of the devices for processing of the print product at least one of before and after a printing event.

29. (new) A method according to claim 25 wherein the data of the
5 output format file and the data of the output document file are generated corresponding to one another with the computer program module.

30. (new) A method according to claim 25 wherein at least one of a
resource-structured input document data stream and a resource-structured
output document data stream comprises an Advanced Function
10 Presentation™ data stream.

31. (new) A method according to claim 25 wherein at least one of a
resource-structured input document data stream and a resource-structured
output document data stream comprises at least one of an XML, PPML, PCL
and PostScript data stream.

32. (new) A method according to claim 30 wherein the input and
15 output format definition files are respectively a formdef file, and the computer program module provides the output formdef file with modified medium maps relative to the input formdef file.

33. (new) A method according to claim 30 wherein the output
20 document file comprises a print file with variable print data, and the computer program module enhances the variable data with calls of medium maps of the output formdef file.

34. (new) A method according to claim 25 wherein a non-resource-
structured file is read in and converted into a resource-structured input data
25 file.

35. (new) A method according to claim 34 wherein the non-
resource-structured file comprises a line data file.

36. (new) A method according to claim 34 wherein the same computer program module as is used to prepare the resource-structured input file is used to convert the non-resource-structured file.

5 37. (new) A method to change or remove finishing commands in an input print data stream which comprises at least one input format file comprising format definitions and an input document data file structured in at least one of ranges and sub-ranges and containing variable data, comprising the steps of:

10 in a control file defining level structures that correspond to at least one of the ranges and the sub-ranges of the input document data file;

in the control file associating modified finishing commands with the level structures; and

using the control file, the input format file and the input document data file automatically generating by a computer program module the following

15 an output format file that one of contains the finishing commands in callable groups and that no longer contains removed finishing commands, and

20 an output document data file containing the variable data and group calls associated by at least one of range-by-range and sub-range-by-sub-range.

38. (new) A computer program product that enhances an input document data stream with finishing commands, comprising:

25 at least one input format file comprising format definitions and an input document data file structured in at least one of ranges and sub-ranges and containing variable data;

in a control file level structures are defined that correspond to at least one of the ranges and the sub-ranges of the input document data file;

in the control file the finishing commands are associated with the level structures; and

using the control file, the input format file and the input document data file, the following are automatically generated by a computer program module:

5 an output formal file that contains the finishing commands in callable groups, and

an output document data file containing the variable data and group calls associated by at least one of range-by-range and sub-range-by-sub-range.

10 39. (new) A computer program product according to claim 38 wherein in the control file, the finishing commands, and the level structures are defined and which finishing commands are applied in which level structure is registered.

15 40. (new) A computer program product according to claim 39 wherein in the control file it is established which processing commands are executed on which level structures.

20 41. (new) A computer program product according to claim 38 wherein the document processing system comprises a data production system that comprises a printing device and at least one device for processing of a print product at least one of before and after the printing event, and wherein the finishing commands activate at least one of the devices for processing of the print product at least one of before and after a printing event.

25 42. (new) A computer program product according to claim 38 wherein it is suitable to process an Advanced Function Presentation™ data stream as at least one of a resource-structured input document data stream and a resource-structured output document data stream, a computer program module providing an output formdef file with modified medium maps relative to

an input formdef file, and the output document file comprises a print file with variable print data and the computer program module enhances the variable data with calls of the medium maps of the output formdef file.

5 43. (new) A system for enhancement of an input document data stream with finishing commands, the input document data stream comprising at least one input format file comprising format definitions and an input document data file structured in at least one of ranges and sub-ranges and containing variable data, comprising:

10 in a control file level structures are defined that correspond to at least one of the ranges and the sub-ranges of the input document data file;

in the control file the finishing commands are associated with the level structures; and

15 a computer program module is provided via which, using the control file, the input format file and the input document data file, the following are automatically generated:

an output format file that contains the finishing commands in callable groups, and

20 an output document data file containing the variable data and group calls associated by at least one of range-by-range and sub-range-by-sub-range.

44. (new) A system according to claim 43 wherein in the control file the finishing commands and the level structures are defined and it is registered which finishing commands are applied in which level structure.

25 45. (new) A system according to claim 44 wherein in the control file it is established which processing commands are executed on which level structures.

46. (new) A system according to claim 43 wherein a document processing system comprises a data production system that comprises a printing device and at least one device for processing of a print product at least one of before and after a printing event, and wherein at least one of the
5 devices is designed such that it interprets the finishing commands for processing of the print product at least one of before or and after the printing event.

47. (new) A system according to claim 43 wherein a device is provided to receive a resource-structured input document data stream and is
10 designed such that it at least one of interprets and processes an Advanced Function Presentation™ data stream.

48. (new) A system according to claim 43 wherein a device is provided to receive a resource-structured input document data stream and is designed at least one of such that it interprets processes at least one of an
15 XML, PPML, PCL, and PostScript data stream.